

METHOD AND APPARATUS FOR KNOWLEDGE BASED DIAGNOSTIC
IMAGING

ABSTRACT OF THE DISCLOSURE

A knowledge based diagnostic imaging system, comprising diagnostic equipment for analyzing a patient to obtain a new patient data set containing at least one of MR data, CT data, ultrasound data, x-ray data, SPECT data and PET data. The diagnostic equipment automatically analyzes the new patient data set with respect to a physiologic parameter of the patient to obtain a patient value for said physiologic parameter. A database containing past patient data sets for previously analyzed patients. The past patient data sets contain data indicative of the physiologic parameter with respect to previously analyzed patients. A network interconnects the diagnostic equipment and the database to support access to the past patient data sets.